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Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2008; month=10; day=23; hr=15; min=31; sec=42; ms=444;
]

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Application No: 10554291 Version No: 1.1

Input Set:

Output Set:

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Finished: 2008-10-23 15:27:54.625
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 278 ms
Total Warnings: 16
Total Errors: 0
No. of SeqIDs Defined: 16
Actual SeqID Count: 16

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SEQUENCE LISTING

<110> UNIVERSITA' DEGLI STUDI DI BOLOGNA et al.

<120> METHOD FOR SELECTIVE INHIBITION OF HUMAN N-myc GENE IN N-myc
EXPRESSING TUMORS THROUGH ANTISENSE AND ANTIGEN PEPTIDO-NUCLEIC ACIDS
(PNA)

<130> U216412WO9

<140> 10/554,291

<141> 2006-09-18

<150> PCT/IB2004/001297

<151> 2004-04-29

<150> IT MI2003A000860

<151> 2003-04-29

<160> 16

<170> PatentIn version 3.1

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<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> antisense PNA that is complementary to only one sequence in 5'-UT
R region of N-myc gene (support at page 6, lines 17-20)

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tccacccagc gcgtcc

16

<210> 2

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<212> DNA

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<223> mutated PNA containing the substitution of three bases (support a
t page 6, lines 23-25)

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<210> 3

<211> 16

<212> DNA

<213> Artificial Sequence

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<223> sense antigen PNA sequence which is complementary to a sequence o
f exon 2 N-myc gene (support at page 8, lines 14-19)

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atgccgggca tgatct 16

<210> 4
<211> 16
<212> DNA
<213> Artificial Sequence

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<223> antisense antigen PNA sequence which is complementary to a sequence of exon 2 N-myc gene (support at page 8, lines 14-19)

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<210> 8

<211> 7
<212> PRT
<213> SV40 virus

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<223> NLS carrier protein (support at page 7, lines 5-6)

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Pro Lys Lys Lys Arg Lys Val
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<211> 16
<212> PRT
<213> antennapedia

<220>
<221> misc_feature
<223> penetratin carrier protein (support at page 7, lines 7-8)

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<210> 10
<211> 24
<212> PRT
<213> Unknown

<220>
<223> transportan carrier protein (support at page 7, lines 9-10)

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Ala Ala Leu Ala Lys Lys Ile Leu
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<212> PRT
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<223> TAT carrier protein (support at page 7, lines 13-14)

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Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln
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<210> 13
<211> 11
<212> PRT
<213> HIV virus

<220>
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<223> TAT carrier protein (support at page 7, lines 15-16)

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Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
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<210> 14
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<212> PRT
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<220>
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Arg Arg Leu Pro Val Pro Arg Ala Lys Ile His Ser Leu
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Lys Phe Phe Lys Phe Phe Lys Phe Phe Lys
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<212> PRT
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<220>
<223> carrier peptide sequence (support at page 7, lines 17-19, 22)

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Lys Lys Lys Lys
1